

NATURAL RESOURCES

Natural Resources Associate of Science

PROGRAM MISSION

The Associate of Science (A.S.) degree in Natural Resources gives students a comprehensive educational foundation for careers related to natural resource science and technology.

PROGRAM DESCRIPTION

There are three choice of tracks to complete the Natural Resource program: Fish and Wildlife Conservation, Forest Ecosystems, and Conservation Law Enforcement. Each track will result in an A.S. degree that prepares students with the necessary knowledge for an entry-level position or provide a foundation for transferring to a university.

PROGRAM OUTCOMES

Students who complete the Natural Resources Associate of Science will have the knowledge, skills, and abilities to:

1. Describe natural ecological processes and human impacts that influence ecosystem change, and ecological succession in landscapes of the Pacific Northwest
2. Recognize and describe the interrelationships between ecosystem communities and how social communities have an effect on the use and management of natural resources
3. Describe and evaluate a set of natural resource-related objectives and be able to evaluate the success of these actions
4. Evaluate management problems while working collaboratively within and among teams
5. Describe and quantify the biological and physical interrelationships between ecosystem resources

CAREER CONSIDERATIONS

Tracks in the Natural Resources program will prepare students for jobs in conservation science, conservation law enforcement, ecosystem management, wildlife biology, fisheries science, botany, forestry, and other fields related to natural resource science and conservation.

PROGRAM COURSE REQUIREMENTS

Year One

NR 201	Introduction to Natural Resources	3
NR 241	Dendrology	4
BI 211	Principles of Biology	5
BI 212	Principles of Biology	5
BI 213	Principles of Biology	5
CH 221	General Chemistry	5
HPE 295	Health Wellness Assessment*	3
MTH 111	College Algebra	5

MTH 112	Elementary Functions	4
SP 111	Fundamentals of Public Speaking	4
WR 121	Academic Composition	4
WR 227	Technical Report Writing	4

Year Two

NR 221	Water Resource Science	4
NR 230	Forest Ecosystems	3
NR 240	Forest Biology	4
NR 251	Principles of Fish and Wildlife Cons	3
NR 261	Recreation Resource Mngmt	4
ATS 201	Climate Science	4
ENG 230	Environmental Lit	4
GIS 234	Introduction to GIS	4
MTH 243	Introduction to Probability & Statistics	5
SOIL 205	Soil Science	4

Total Credits 79

TRACKS OF STUDY

All Natural Resource students are required to complete the Program Course Requirements. In addition to the Program Course Requirements, students are responsible for completing one of the specialized tracks. Each track will provide specialized coursework unique to the respective field of study. * First Year Courses.

FISH AND WILDLIFE CONSERVATION – TRACK 1

BOT 203	Field Botany*	4
G 221	Environmental Geology	4

FOREST ECOSYSTEM – TRACK 2

ECON 201	Microeconomics	3
G 221	Environmental Geology	4
GIS 203	Digital Earth*	4

CONSERVATION LAW ENFORCEMENT – TRACK 3

CJ 110	Intro to Law Enforcement*	3
CJ 101	Intro to Criminology*	3
Choose One:		
CJ 105	Concepts of Criminal Law	3
or CJ 243	Narcotics and Dangerous Drugs	3
or CJ 275	Comparative Criminal Justice Systems	3
CJ 211	Criminal Justice	3